

PBFE Polyclonal Antibody

Cat No: HR1AP4269

For research use only

Overview

Product Name	PBFE Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	80kDa
GeneID?Human?	EHHADH
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	EHHADH; ECHD; Peroxisomal bifunctional enzyme; PBE; PBFE
Background	<p>catalytic activity:(3S)-3-hydroxyacyl-CoA = trans-2(or 3)-enoyl-CoA + H(2)O.,catalytic activity:(3Z)-dodec-3-enoyl-CoA = (2E)-dodec-2-enoyl-CoA.,catalytic activity:(S)-3-hydroxyacyl-CoA + NAD(+) = 3-oxoacyl-CoA + NADH.,disease:Absent in patients suffering with peroxisomal disorders such as Zellweger syndrome, neonatal adrenoleukodystrophy and infantile Refsum disease.,pathway:Lipid metabolism; fatty acid beta-oxidation.,similarity:In the C-terminal section; belongs to the 3-hydroxyacyl-CoA dehydrogenase family.,similarity:In the N-terminal section; belongs to the enoyl-CoA hydratase/isomerase family.,subunit:Monomer.,tissue specificity:Liver and kidney. Lower amounts seen in the brain.,</p>